

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of driving a plasma display panel including a discharge cell, the discharge cell being formed at an intersection of a scan electrode and a sustain electrode, and a data electrode, the method comprising:

dividing one field period into a plurality of sub-fields, each comprising an initializing period, a writing period, and a sustaining period;

applying a ramp voltage waveform or a gradually changing waveform during the initializing period to cause an initializing discharge;

providing a first sustaining period and a second sustaining period in a sustaining period of at least one sub-field, in the first sustaining period, a transition period of a sustain pulse applied to the scan electrode not being temporally overlapped with a transition period of a sustain pulse applied to the sustain electrode, and in ~~a~~the second sustaining period, ~~a~~the transition period of the sustain pulse applied to the scan electrode being temporally overlapped with ~~a~~the transition period of the sustain pulse applied to the sustain electrode; and

disposing the second sustaining period at least at an end of the sustaining period.

2. (Currently Amended) The method of driving a plasma display panel of claim 1, ~~wherein a sustaining period of a sub-field disposed just before a sub-field in which the discharge cell discharged in the sustaining period is selectively initialized includes the first sustaining period and the second sustaining period.~~ wherein, in an initializing period of a sub-field that follows the at least one sub-field having the first sustaining period and the second sustaining period, an initializing discharge is performed only on discharge cells that have undergone sustain discharge in a previous sub-field.

3. (Currently Amended) The method of driving a plasma display panel of claim 1, wherein, in the second sustaining period, ~~duration a period~~ in which the transition period of the sustain pulse applied to the scan electrode is overlapped with the transition period of the sustain pulse applied to the sustain electrode is set to a value substantially causing no self-erase discharge.

4. (Currently Amended) ~~The method of driving a plasma display panel of claim 1;~~ A method of driving a plasma display panel including a discharge cell, the discharge cell being formed at an intersection of a scan electrode and a sustain electrode, and a data electrode, the method comprising:

dividing one field period into a plurality of sub-fields, each comprising an initializing period, a writing period, and a sustaining period;

providing a first sustaining period and a second sustaining period in a sustaining period of at least one sub-field, in the first sustaining period, a transition period of a sustain pulse applied to the scan electrode not being temporally overlapped with a transition period of a sustain pulse applied to the sustain electrode, and in the second sustaining period, the transition period of the sustain pulse applied to the scan electrode being temporally overlapped with the transition period of the sustain pulse applied to the sustain electrode; and

disposing the second sustaining period at least at an end of the sustaining period, wherein, a duration of the second sustaining period is changed according to a percentage of lit discharge cells.